Shuttle's first XPC Barebone to support HDMI for high-res HD-playback

Glamor xpc Barebone SG33G5

The Shuttle XPC Barebone SG33G5 is Vista-ready and incorporates Intel G33 Express chipset with GMA 3100 GPU and HDMI output which easily connects it to most recent TVs and flat screens. To play HD content, it supports HDCP digital rights management technology. Being designed to run multiple applications at once, the Shuttle XPC Barebone SG33G5 is home to blazingly fast Intel Core 2 Duo processors and manages up to 4GB of DDR2-800 RAM. As this wasn't fast enough, it allows advanced BIOS adjustments for CPU clock frequency and voltage. Built-in Dolby Digital Live and DTS connect make the Shuttle XPC Barebone SG33G5 the ideal platform for thrilling 3D games and exciting films. Exchange data swiftly - the Gigabit-LAN interface makes it possible, no matter if it's in your home or office environment.

Images for illustration purposes only.

Feature Highlight

G5 chassis	• Aluminum chassis (black) • Bays: 1x 5.25“, 2x 3.5“
Chipset	• Intel G33 Express + ICH9DH • Integrated GMA 3100 graphics • HDMI+VGA connectors, DVI adapter Supports Dual Monitor Operating
CPU	• Socket 775 • Core 2 Duo/Quad, Pentium Dual-Core and Celeron 4xx • Supports 1333, 1066 and 800MHz FSB • Shuttle I.C.E. Heatpipe-cooling
Slots	• 1x PCI-Express (x16) • 1x PCI (32 Bit)
Memory	• Supports 2x DDR2-667/800 DDR2-1066 in overclocking mode* • Supports up to a total size of 4 GB
Drive connectors	• 3x SATA (internal), 2x eSATA (external) • 1x IDE ATA 100, 1x floppy
Other connectors	• 8-channel HD audio, SPDIF out supports Dolby Digital Live! / DTS • 2x Firewire • USB 2.0 (2x front, 4x rear, 4x onb.) • GigaBit LAN
Power supply	• Efficient 250 Watt mini power supply
Application	• Home

Prduct ID: SG33G5
Order No: PC-SG33G5
UPC (see bar code)

8 11686 00215 4

VISTA | DDR2 | Over Clocking | 7.1 AUDIO | Smart Fan | ICE Technology | Solid Capcitor

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Shuttle XPC Barebone SG33G5 – Special Product Features

The Shuttle XPC Glamor series is the keyword in artistic design from Shuttle.

There are different chassis designs to choose from. No matter whether it's for use in the home or the office, for high adrenaline or laid back users, there is a Shuttle XPC in the Glamor series to suit every taste. The elegant G5-design features hidden drive bays and front media ports and offers superior style and visual appeal for demanding home users.

Intel® G33 Express Chipset with HDMI

Experience true-to-life video quality from the latest Intel® G33 Express chipset with HDMI and HDCP support. Featuring the Intel® Graphics Media Accelerator 3100 with Intel® Clear Video technology for enhanced high-definition video playback and sharper image quality. You can even connect a second display to the analog Sub-D output at the same time.

Finest cinematic surround sound experience

What would a home theater be without booming, immersive 7.1 channel surround sound? Experience state-of-the-art sound quality provided by Dolby® Digital Live and DTS® Connect functionality.

Supports 1333 MHz FSB and 45nm processors

This Shuttle product supports the Intel® Core™2 Duo and Intel® Core™2 Quad processors with up to 1333 MHz front side bus and the latest 45nm technology. Multi core brings multi power!

User Friendly Dynamic OverClock feature*)

The user can easily overclock the system through the bios from 3%,5%,7%,10%,15%, to 20%.

New Era of All-Solid Capacitor Shuttle Mainboards

By using all-solid capacitors Shuttle mainboards provide industry leading stability, reliability and longevity for PC gaming and entertainment systems. The average lifespan for a solid capacitor is more than six times greater than the more common and less expensive electrolytic capacitors.

Supports Windows Vista Premium

Breathtaking Windows Aero™ 3D visual interface and a host of groundbreaking new features, Windows® Vista™ Premium promises to deliver a streamlined computing experience designed to fundamentally change how users view, find and organize their digital information.

***) Overclocking Warning:**
Please note there is a certain risk involved with overclocking, including adjusting the setting in the BIOS or using third-party overclocking tools. Overclocking may affect your system stability or even cause damage of the components and devices of your system. It is done at your own risk and expense. Shuttle cannot be held responsible for possible damage caused by overclocking.

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Shuttle XPC Barebone SG33G5 Specifications

Chassis	G5-type aluminum chassis, black color storage bays: 1 x 5.25", 2 x 3.5" (1 internal) dimensions: 31 x 20 x 18.5 cm (LWH), weight: 3.3 kg net / 4.6 kg gross
Mainboard	Shuttle FG33, Shuttle form factor, Dimensions: 25.4 x 18.5 cm proprietary mainboard design for Shuttle XPC Barebone SG33G5 Chipset: Intel G33 Express (Bearlake-G) + ICH9DH Solid Capacitors for excellent heat resistance for enhanced system durability Color slots/connectors design (Power switch, USB, PCIe, PCI)
Power Supply	250 Watt mini power supply unit Input voltage range: 100~240V Connectors: 20-pin ATX, 4-pin ATX12V Dimensions: 190 (L) x 82 (W) x 43 (H) mm EMI certified: FCC, CE, CCC ; Safety certified: TÜV, UL, CB, CCC, CSA, NEMKO Active PFC (Power Factor Correction), Power plug region specific
Processor Support	Socket 775 supports Single/Dual/Quad Core processors from Intel with Core technology and 800, 1066 or 1333MHz front side bus: Core 2 Quad, Core 2 Duo, Pentium Dual-Core and Celeron D 4xx series. Designed for 45, 65 and 90nm process technology. Supports Pentium 4/D processors at 800MHz FSB. Processors with 533MHz FSB are not supported. Please refer the support list for detailed processor support information.
*Over-clocking *)*	Overclocking settings: CPU frequency, CPU voltage, RAM frequency, RAM voltage Dynamic Overclock feature: Easily overclock from 3/5/7/10/15/20% through the BIOS.Processor cooling
Processor Cooling	Shuttle I.C.E. 2 (Integrated Cooling Engine) advanced I.C.E. 2 Heatpipe technology, linear controlled 92mm fan SilentX cooling and noise reduction technology with Active Airflow
Memory Support	2x 240 pin slots, supports Dual Channel supports DDR2-667/800 SDRAM memory (up to DDR2-1066 in overclocking mode*) up to a total size of 4 GB, max. 2 GB per DIMM
Expansion Slots	1x PCI-Express (16X) supports 8 GB/s data transfer 1x PCI (32 bit)

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Integrated Graphics	Intel Graphics Media Accelerator 3100 (GMA 3100) Full Windows Vista Aero experience Intel Clear Video Technology Hardware acceleration for MPEG2 and VC1 content DirectX 9.0 support, Shader 2.0 Dynamic Video Memory Technology (DVMT) 3.0 Shared Memory size up to 384MB HDMI connector (High Definition Multimedia Interface) supports HDCP (High-bandwith Digital Content Protection) transmits SPDIF digital audio signals DVI adapter included VGA connector for analog displays Dual monitor operating possible (1x digital over HDMI/DVI plus 1x analog over Sub-D)
8-channel Audio DD/DTS	7.1 channel High Definition Audio, Realtek ALC888DD codec Supports Dolby® Digital Live! and DTS™ Connect (Digital Theater Systems) Analog: line-out (8-ch), line-in, microphone Digital: optical S/PDIF output (digital audio), optional S/PDIF input
Gigabit-LAN Controller	Marvell 88E8056 Ethernet network controller (Gigabit) Supports 100 / 1.000 MBit/s operation Supports Wake-on-LAN (WOL)
Firewire-Controller	Firewire controller VIA VT6308 IEEE1394 OHCI rev 1.0 compliant with 2 Firewire connectors (front and rear) supports 400Mb/s, 200Mb/s, 100Mb/s data transfer rate
Drive connectors	3x Serial-ATA II, 3 Gbit/s (300 MB/s) bandwidth, NCQ support 2x External Serial-ATA, 3 Gbit/s (eSATA) 1x IDE ATA 100 drives 1x floppy disk drive
Front panel connectors	Microphone Headphone (Line-out) 2x USB 2.0 Firewire (Mini 4 pin connector) Power button Reset button Power indicator (blue LED) HDD indicator (orange LED)

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Back panel connectors	HDMI (DVI adapter included) D-sub VGA (analog) 4x USB 2.0 GigaBit LAN (RJ45) IEEE1394 Firewire (6 pin) 2x External Serial ATA port (eSATA) Optical S/PDIF output (Digital Audio) 8-ch Audio line-out (2x rear/front, bass/center, surround/back) Audio Line-in CMOS button optional Wireless LAN module (PN18) optional parallel port (PC8)
Other connectors	2x fan connectors (4 pin) 4x USB 2.0 (two sets with 2x5 pins) Header for optional PS10 adapter (this adapter can be installed in the printer port perforation in the back panel and provides PS/2 keyboard and mouse ports)
Accessories	Multi-language user guide, Driver CDROMs (Windows Vista, Windows XP 32/64 bit) I.C.E. heat-pipe module, Cable for FDD, Serial ATA (1x), Parallel ATA (1x) Power cord, Screws, Heatsink Compound

***) Overclocking Warning**

Please note there is a certain risk involved with overclocking, including adjusting the setting in the BIOS or using third-party overclocking tools. Overclocking may affect your system stability or even cause damage of the components and devices of your system. It is done at your own risk and expense. Shuttle cannot be held responsible for possible damage caused by overclocking.

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